

Figure 1A

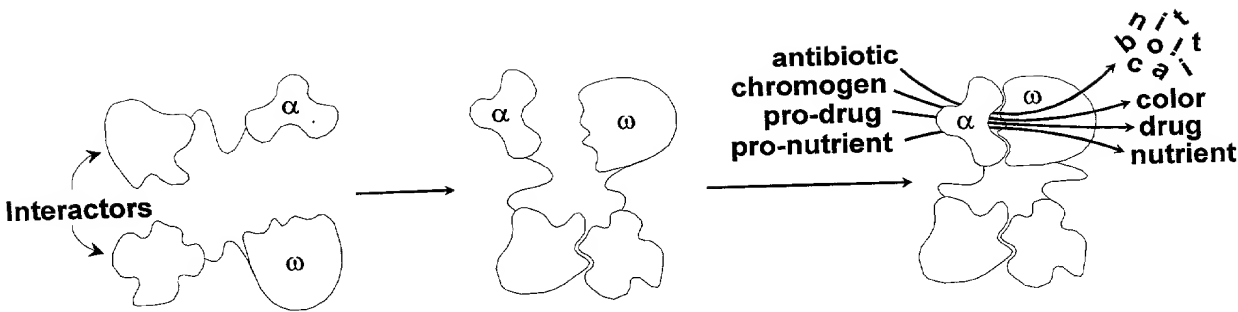


Figure 1B

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76 cac cca gaa acg ctg gtg aaa gta aaa gat gct gaa gat cag ttg ggt
 26 H P E T L V K V K D A E D Q L G

124 gca cga gtg ggt tac atc gaa ctg gat ctc aac agc ggt aag atc ctt
 42 A R V G Y I E L D L N | S G K I L

172 gag agt ttt cgc ccc gaa gaa cgt ttt cca atg atg agc act ttt aaa
 58 E S F R P E | E R F P M M S T F K

220 gtt ctg cta tgt ggc gcg gta tta tcc cgt att gac gcc ggg caa gag
 74 V L L C G A V L S R I D A G Q E

268 caa ctc ggt cgc cgc ata cac tat tct cag aat gac ttg gtt gag tac
 90 Q L G R R I H Y S Q | N D L V E Y

316 tca cca gtc aca gaa aag cat ctt acg gat ggc atg aca gta aga gaa
 106 S P V T E K H L T D G M T V R E

364 tta tgc agt gct gcc ata acc atg agt gat aac act gcg gcc aac tta
 122 L C S A A I T M S D N T A A N L

412 ctt ctg aca acg atc gga gga ccg aag gag cta acc gct ttt ttg cac
 138 L L T T I G G P K E L T A F L H

460 aac atg ggg gat cat gta act cgc ctt gat cgt tgg gaa ccg gag ctg
 154 N M G D H V T R L D R W E P E L

508 aat gaa gcc ata cca aac gac gag cgt gac acc acg atg cct gta gca
 170 N E A I P | N D E R D T T M P V A

556 atg gca aca acg ttg cgc aaa cta tta act ggc gaa cta ctt act cta
 186 M A T T L R K L L T G E | L L T L

604 gct tcc cgg caa caa tta ata gac tgg atg gag gcg gat aaa gtt gca
 202 A S R Q Q L I D W M E A D K | V A

652 gga cca ctt ctg cgc tgc gcc ctt ccg gct ggc tgg ttt att gct gat
 218 G P L L R S A L P A | G W F I A D

700 aaa tct gga gcc ggt gag cgt ggg tct cgc ggt atc att gca gca ctg
 234 K S G A G E R G S R G I I A A L

748 ggg cca gat ggt aag ccc tcc cgt atc gta gtt atc tac acg acg ggg
 250 G P D G | K P S R I V V I Y T T G

796 agt cag gca act atg gat gaa cga aat aga cag atc gct gag ata ggt
 266 S Q A T M D E R N R Q I A E I G

844 gcc tca ctg att aag cat tgg
 282 A S L I K H W

Figure 2

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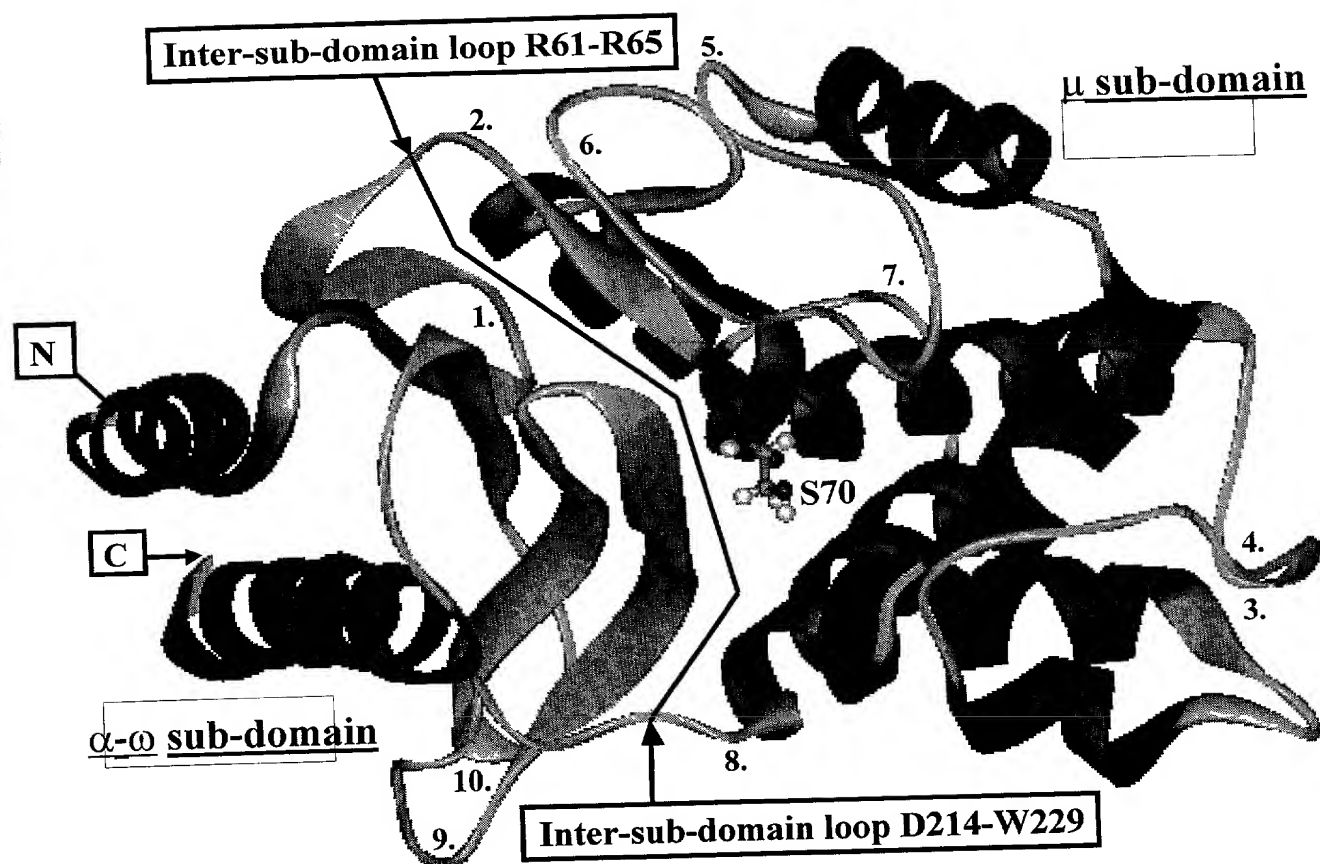


Figure 3

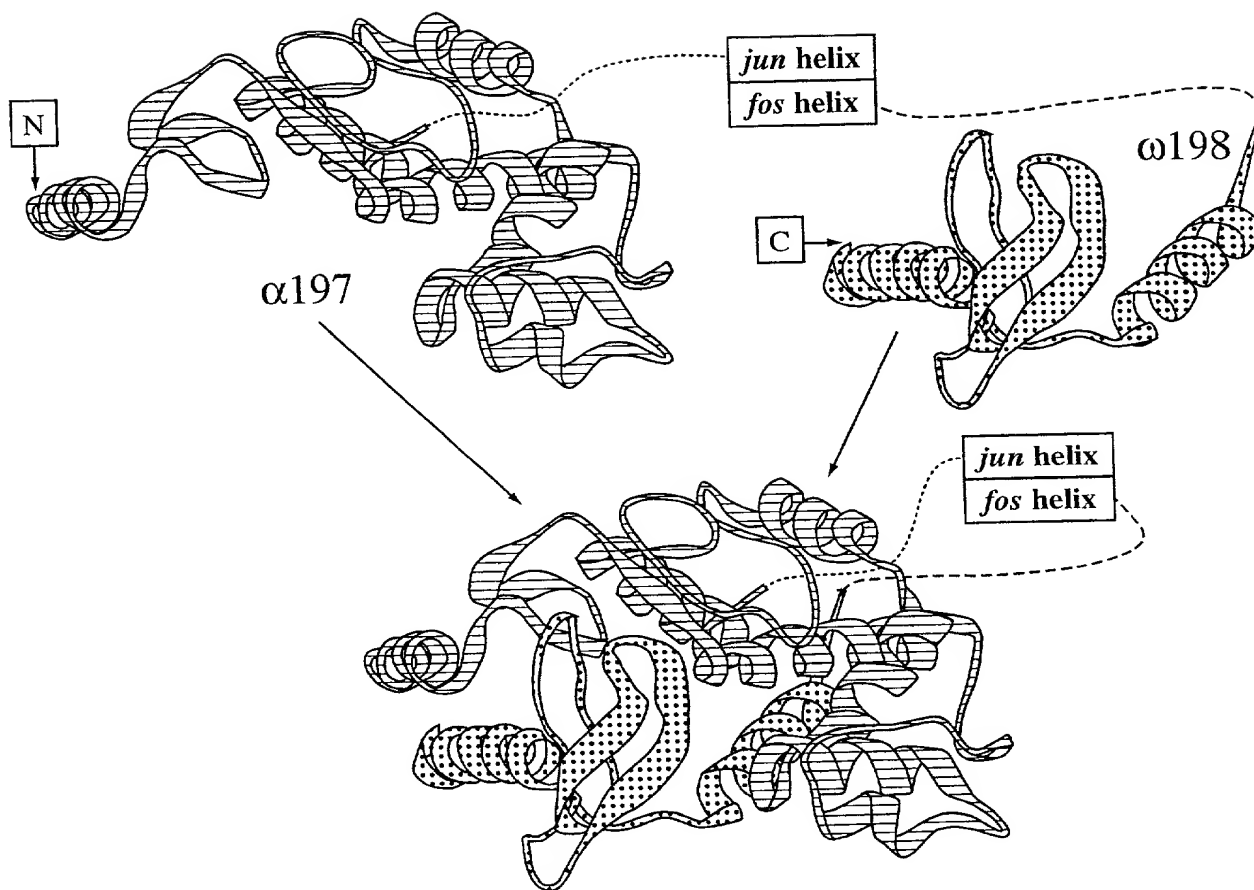
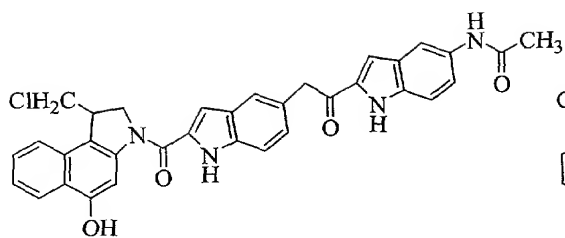
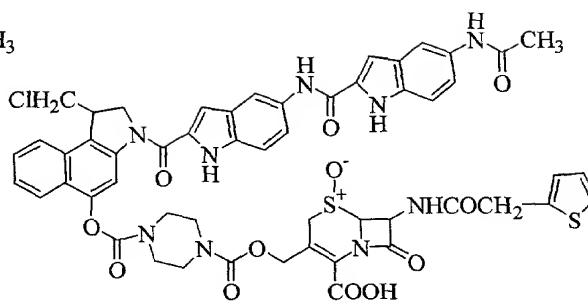


Figure 4

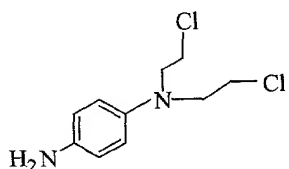
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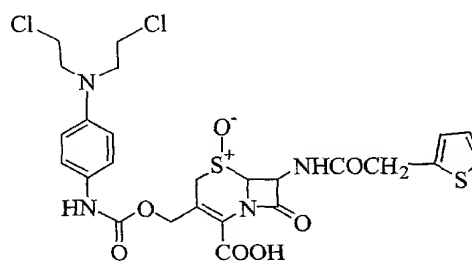
1. YW-200
IC₅₀: 0.01 nM



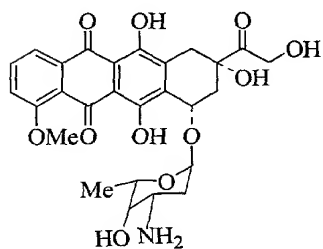
2. YW-285
IC₅₀: 10 nM



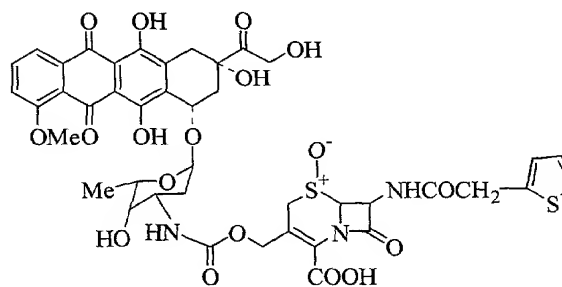
3. Aniline Mustard



4. Aniline Mustard Cephalosporin Prodrug

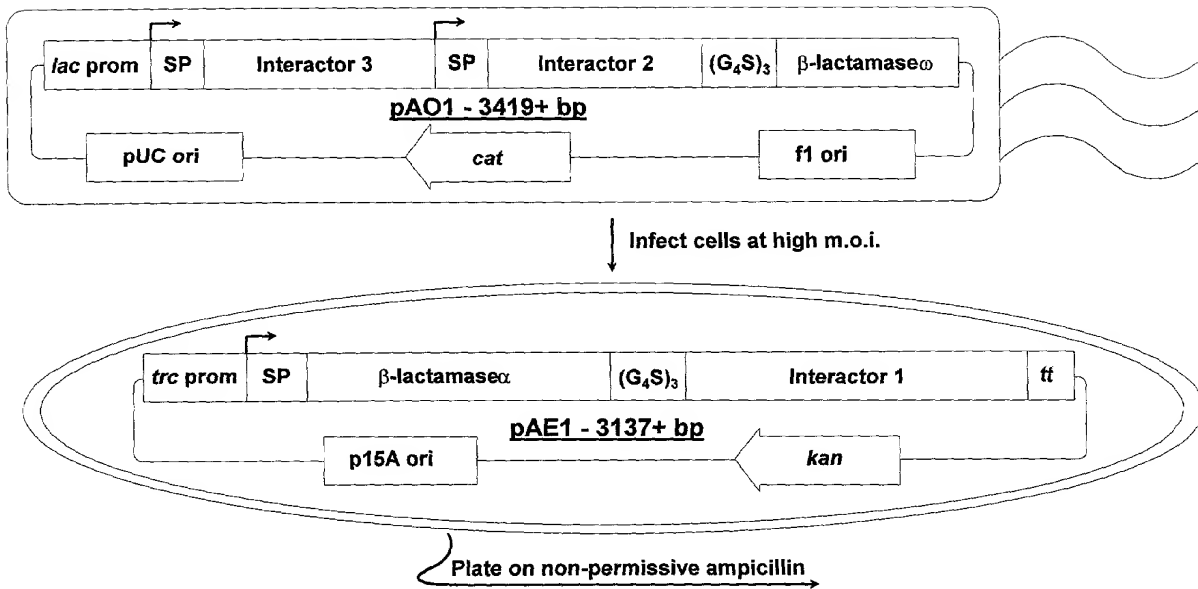


5. Doxorubicin



6. Doxorubicin Cephalosporin Prodrug

Figure 5



	<u>Interactor 1</u>	<u>Interactor 2</u>	<u>Interactor 3</u>
1.	Trxpep	scFv	none
2.	Trxpep	LC-CH1	none
3.	Trxpep	VL	none
4.	Trxpep	CD40	none
5.	Trxpep	Trxpep	CD40
6.	jun helix	scFv	CD40-fos helix
7.	jun helix	fos helix	none
8.	jun helix	fos helix	tripep-trx library
9.	ES library	ES library	none

	<u>Interactor 1</u>	<u>Interactor 2</u>	<u>Interactor 3</u>
1.	Trxpep	scFv	none
2.	Trxpep	LC-CH1	none
3.	Trxpep	VL	none
4.	Trxpep	CD40	none
5.	Trxpep	Trxpep	CD40
6.	jun helix	scFv	CD40-fos helix
7.	jun helix	fos helix	none
8.	jun helix	fos helix	tripep-trx library
9.	ES library	ES library	none

Figure 6

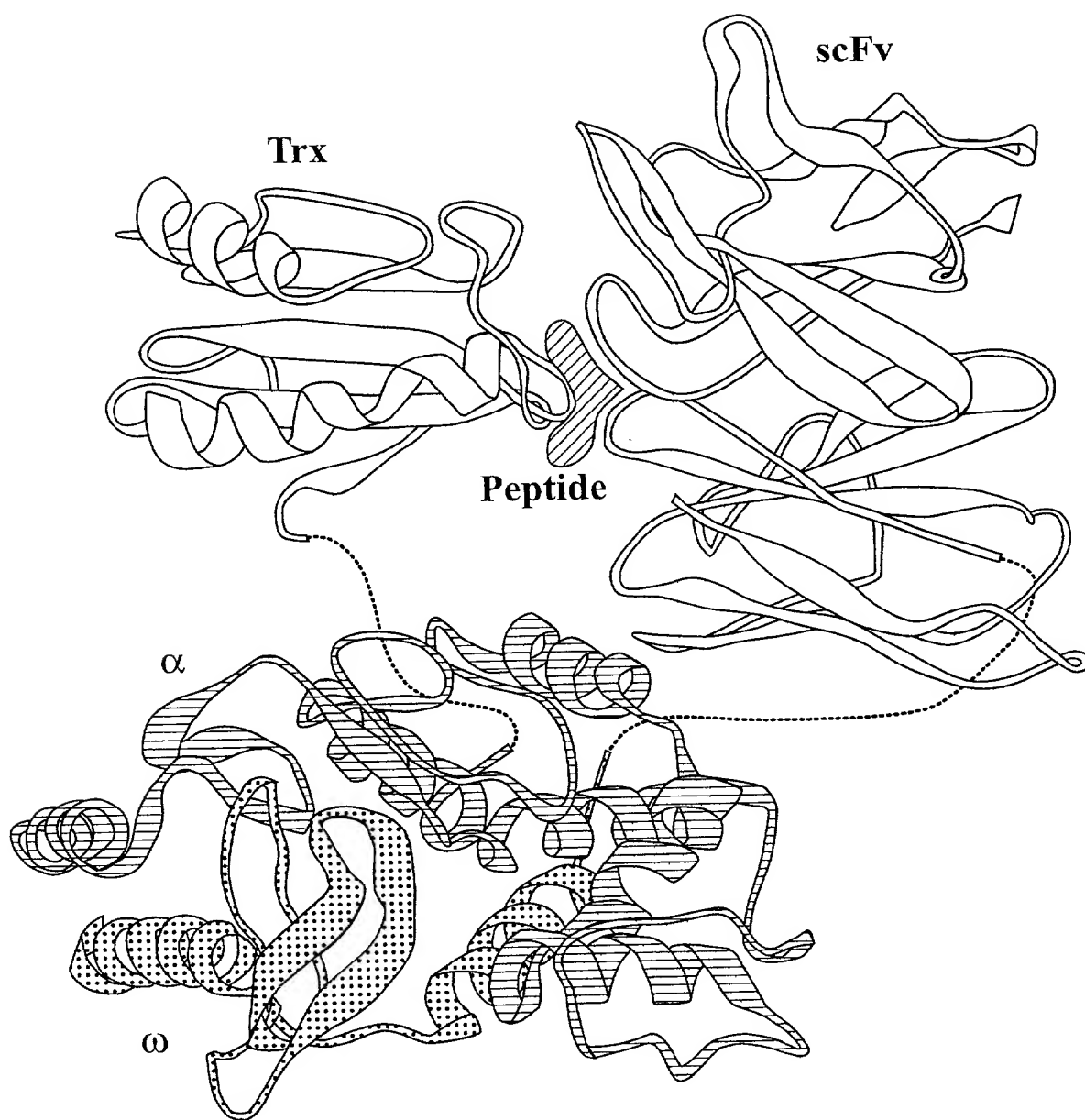


Figure 7

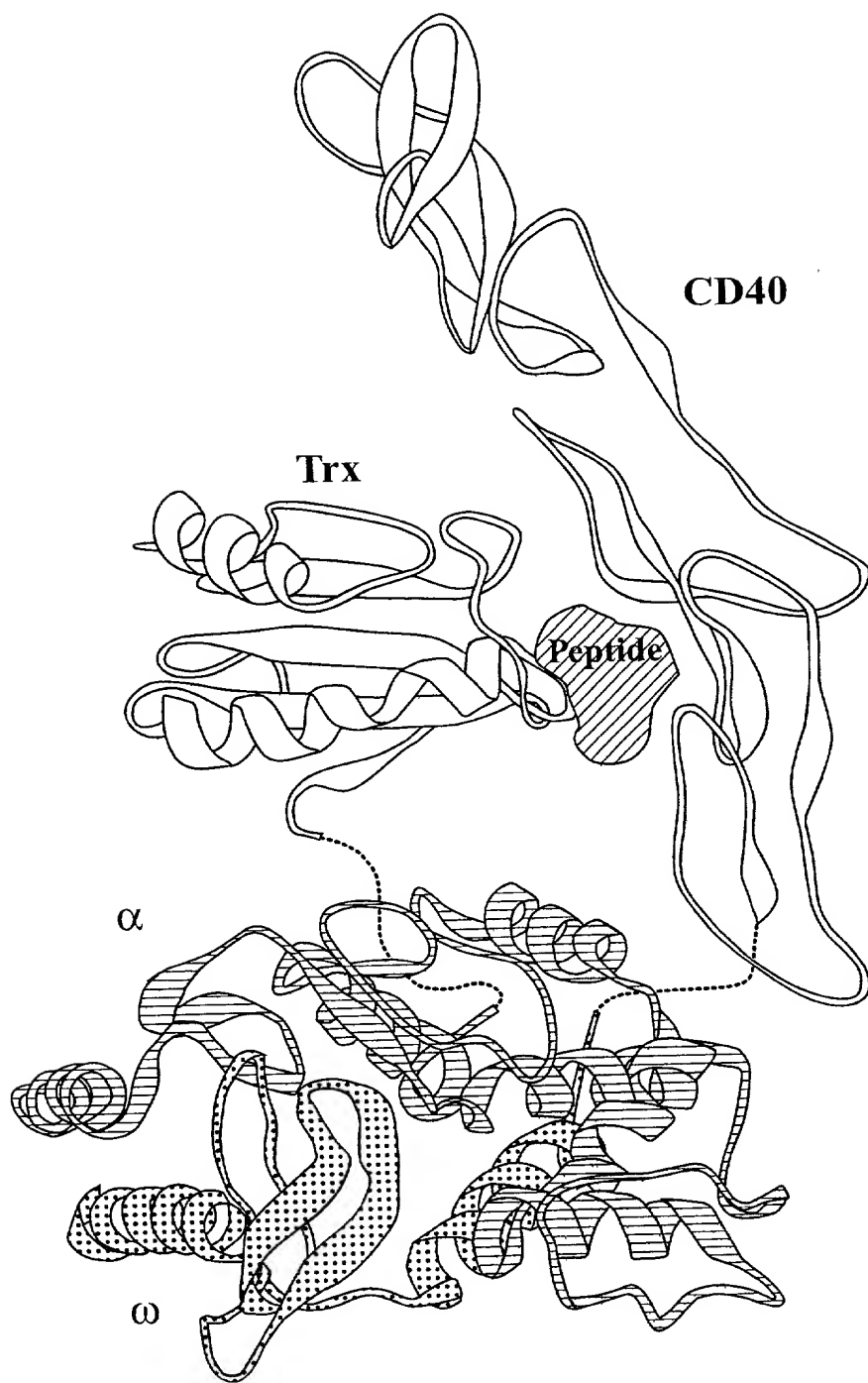


Figure 8

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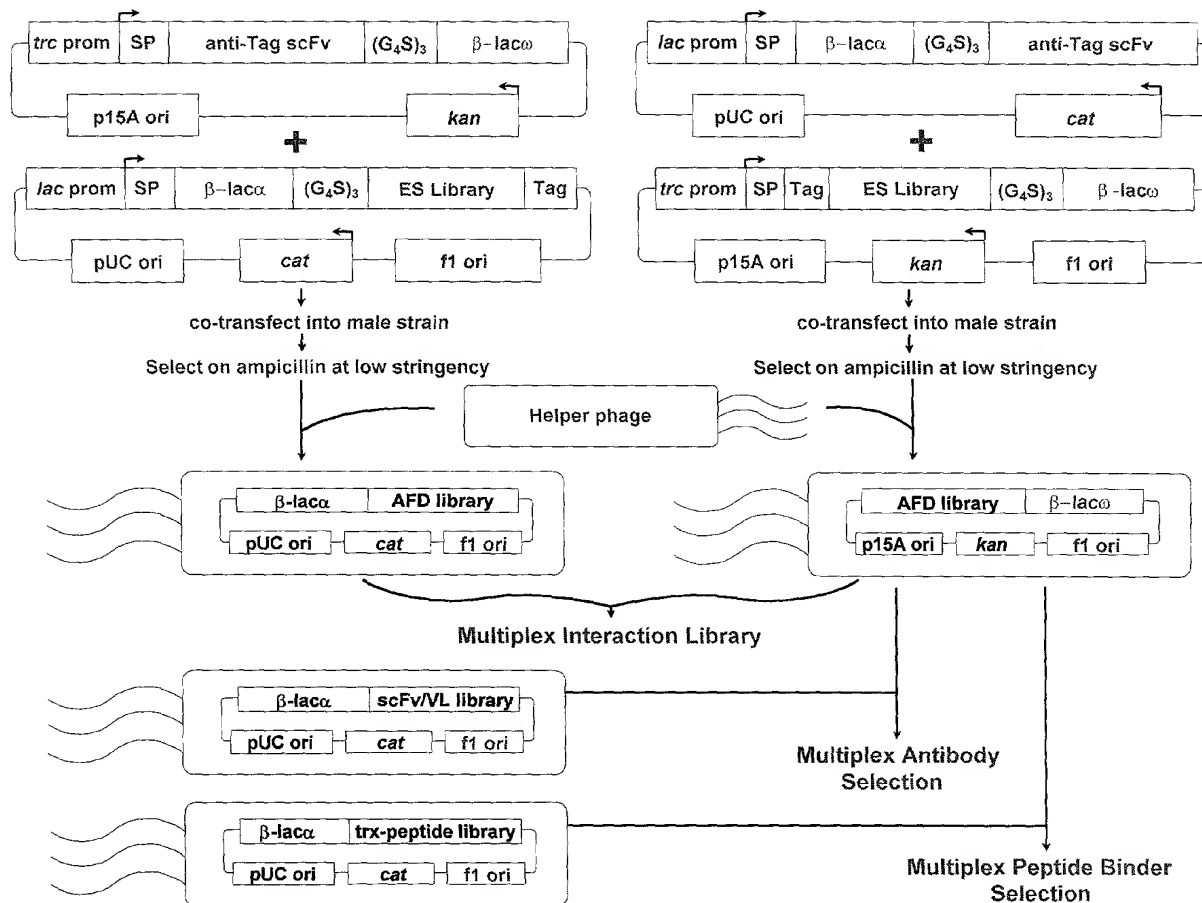


Figure 9

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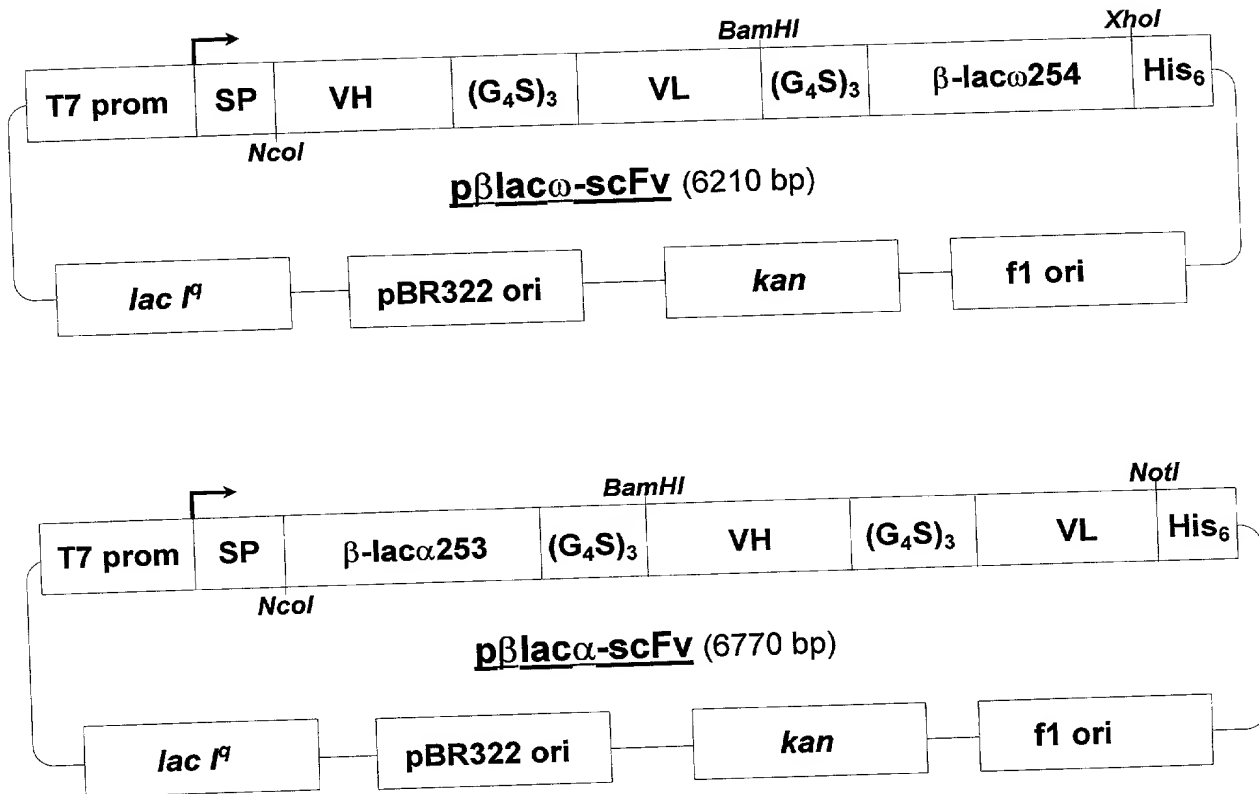
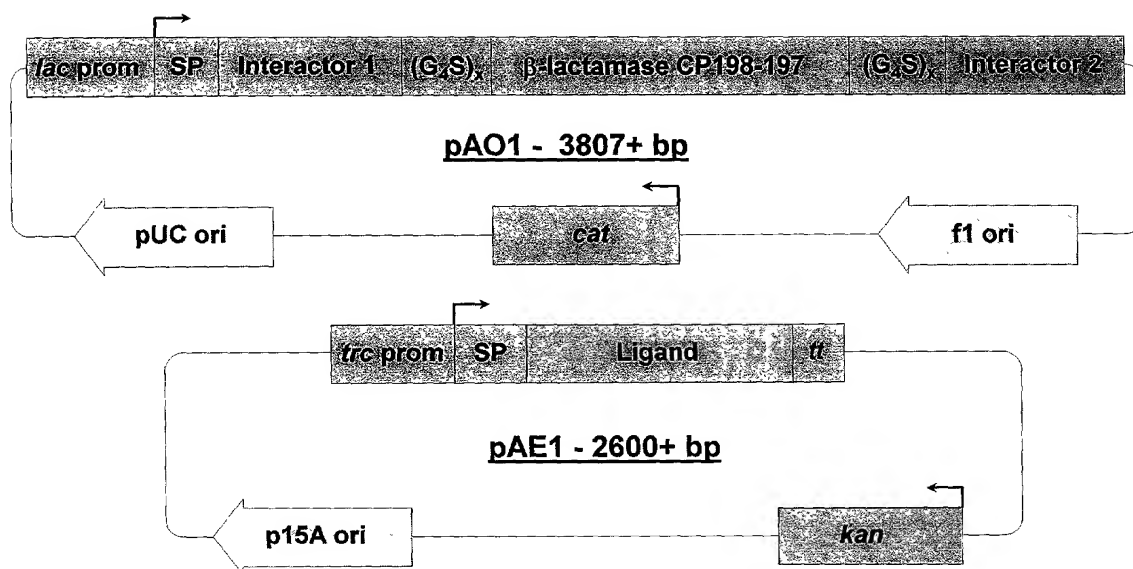


Figure 10

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	<u>Interactor 1</u>	<u>Interactor 2</u>	<u>Ligand</u>	<u>Max. amp^r</u>	<u>S/N (amp25)</u>
1.	scFv	jun helix	CD40-fos helix	50 μ g/ml	>1000
2.	scFv	jun helix	fos helix-CD40	50 μ g/ml	>1000
3.	CD40	jun helix	scFv-fos helix	50 μ g/ml	>1000
4.	fos helix	CD40	scFv-jun helix	100 μ g/ml	>1000

Figure 11

